In the Claims

1. (currently amended) A method of protecting contents against the deleterious effects of ultraviolet radiation,

which method comprises storing the contents in a clear or lightly colored rigid plastic container, which container comprises

an effective stabilizing amount of one or more compounds selected from the group consisting of the durable hydroxyphenyl benzotriazole UV absorbers,

wherein said benzotriazole UV absorbers are of formula (I), (II) or (III)

$$\begin{bmatrix} G_1 & OH \\ G_2 & N & OH \\ & & & \\$$

$$G_1$$
 G_2
 G_2

wherein

G₁ and G₁' are independently hydrogen or halogen,

 G_2 and G_2 ' are independently hydrogen, halogen, nitro, cyano, perfluoroalkyl of 1 to 12 carbon atoms, $-COOG_3$, $-P(O)(C_6H_5)_2$, $-CO-G_3$, $-CO-NH-G_3$, $-CO-N(G_3)_2$, $-N(G_3)-CO-G_3$, E_3SO - or E_3SO_2 -,

G₃ is hydrogen, straight or branched chain alkyl of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, phenyl, or said phenyl or said phenylalkyl substituted on the phenyl ring by 1 to 4 alkyl of 1 to 4 carbon atoms,

 E_1 is phenylalkyl of 7 to 15 carbon atoms or phenyl, or said phenyl or said phenylalkyl substituted on the phenyl ring by 1 to 4 alkyl of 1 to 4 carbon atoms,

E₂ and E₂' are independently straight or branched alkyl chain of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenyl or phenyl substituted by one to three alkyl of 1 to 4 carbon atoms; or E₂ and E₂' are independently said alkyl of 1 to 24 carbon atoms or said alkenyl of 2 to 18 carbon atoms substituted by one or more -OH, -OCOE₁₁, -OE₄, -NCO, -NH₂, -NHCOE₁₁, -NHE₄ or -N(E₄)₂, or mixtures thereof, where E₄ is straight or branched chain alkyl of 1 to 24 carbon atoms; or said alkyl or said alkenyl interrupted by one or more -O-, -NH- or -NE₄- groups or mixtures thereof and which can be unsubstituted or substituted by one or more -OH, -OE₄ or -NH₂ groups or mixtures thereof;

n is 1 or 2,

when n is 1, E_5 is OE_8 or NE_7E_8 , or

 E_5 is -PO(OE₁₂)₂, -OSi(E₁₁)₃ or -OCO-E₁₁,

or straight or branched chain C_1 - C_{24} alkyl which is interrupted by -O-, -S- or -NE₁₁ and which can be unsubstituted or substituted by -OH or -OCO-E₁₁, C_5 - C_{12} cycloalkyl which is unsubstituted or substituted by -OH, straight chain or branched C_2 - C_{18} alkenyl which is unsubstituted or substituted by -OH, C_7 - C_{15} aralkyl, -CH₂-CHOH-E₁₃ or glycidyl,

 E_6 is hydrogen, straight or branched chain C_1 - C_{24} alkyl which is unsubstituted or substituted by one or more OH, OE₄ or NH₂ groups, or -OE₆ is -(OCH₂CH₂)_wOH or -(OCH₂CH₂)_wOE₂₁where w is 1 to 12 and E₂₁ is alkyl of 1 to 12 carbon atoms,

 E_7 and E_8 are independently hydrogen, alkyl of 1 to 18 carbon atoms, straight or branched chain C_3 - C_{18} alkyl which is interrupted by -O-, -S- or -N E_{11} -, C_5 - C_{12} cycloalkyl, C_6 - C_{14} aryl or C_1 - C_3 hydroxylalkyl, or E_7 and E_8 together with the N atom are a pyrrolidine, piperidine, piperazine or morpholine ring,

 E_5 is -X-(Z)₀-Y- E_{15}

wherein

X is -O- or $-N(E_{16})-$,

Y is -O- or -N(E_{17})-,

Z is C_2 - C_{12} -alkylene, C_4 - C_{12} -alkylene interrupted by one to three nitrogen atoms, oxygen atoms or a mixture thereof, or is C_3 - C_{12} -alkylene, butenylene, butynylene, cyclohexylene or phenylene, each substituted by a hydroxyl group,

m is zero, 1 or 2,

p is 1, or p is also zero when X and Y are $-N(E_{16})$ - and $-N(E_{17})$ -, respectively,

 E_{15} is a group -CO-C(E_{18})=C(H) E_{19} or, when Y is -N(E_{17})-, forms together with E_{17} a group -CO-CH=CH-CO-, wherein E_{18} is hydrogen or methyl, and E_{19} is hydrogen, methyl or -CO-X- E_{20} , wherein E_{20} is hydrogen, C_1 - C_{12} -alkyl or a group of the formula

$$G_1$$
 N
 N
 CH_2
 $CO \times C(Z)$
 CH_2

wherein the symbols E_1 , G_2 , X, Z, m and p have the meanings defined above, and E_{16} and E_{17} independently of one another are hydrogen, C_1 - C_{12} -alkyl, C_3 - C_{12} -alkyl interrupted by 1 to 3 oxygen atoms, or is cyclohexyl or C_7 - C_{15} aralkyl, and E_{16} together with E_{17} in the case where Z is ethylene, also forms ethylene,

when n is 2, one of G_2 is also hydrogen, E_5 is one of divalent radicals -O-E₉-O- or -N(E₁₁)-E₁₀-N(E₁₁)- ,

 E_9 is C_2 - C_8 alkylene, C_4 - C_8 alkenylene, C_4 alkynylene, cyclohexylene, straight or branched chain C_4 - C_{10} alkylene which is interrupted by -O- or by -CH₂-CHOH-CH₂-O-E₁₄-O-CH₂-CHOH-CH₂-,

 E_{10} being straight or branched chain C_2 - C_{12} alkylene which may be interrupted by -O-, cyclohexylene, or

or E₁₀ and E₁₁with the two nitrogen atoms form a piperazine ring,

 E_{14} is straight or branched chain C_2 - C_8 alkylene, straight or branched chain C_4 - C_{10} alkylene which is interrupted by -O-, cycloalkylene, arylene or

$$CH_3$$
 or CH_3

ĊH₃

where E_7 and E_8 are independently hydrogen, alkyl of 1 to 18 carbon atoms or E_7 and E_8 together are alkylene of 4 to 6 carbon atoms, 3-oxapentamethylene, 3-iminopentamethylene or 3-methyliminopentamethylene,

E₁₁ is hydrogen, straight or branched chain C₁-C₁₈alkyl, C₅-C₁₂cycloalkyl, straight or branched chain C₂-C₁₈alkenyl, C₆-C₁₄aryl or C₇-C₁₅aralkyl,

 E_{12} is straight or branched chain C_1 - C_{18} alkyl, straight or branched chain C_3 - C_{18} alkenyl, C_5 - C_{10} cycloalkyl, C_6 - C_{16} aryl or C_7 - C_{15} aralkyl,

 E_{13} is H, straight chain or branched C_1 - C_{18} alkyl which is substituted by -PO(OE₁₂)₂, phenyl which is unsubstituted or substituted by OH, C_7 - C_{15} aralkyl or -CH₂OE₁₂,

E₃ is alkyl of 1 to 20 carbon atoms, hydroxyalkyl of 2 to 20 carbon atoms, alkyl substituted by alkoxycarbonyl of 2 to 9 carbon atoms, alkenyl of 3 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, aryl of 6 to 10 carbon atoms or said aryl substituted by one or two alkyl of 1 to 4 carbon atoms or 1,1,2,2-tetrahydroperfluoroalkyl where the perfluoroalkyl moiety is of 6 to 16 carbon atoms, and

L is alkylene of 1 to 12 carbon atoms, alkylidene of 2 to 12 carbon atoms, benzylidene, p-xylylene, $\alpha,\alpha,\alpha',\alpha'$ -tetramethyl-m-xylylene or cycloalkylidene; and

wherein the UV absorbers are incorporated into a coating applied to the outer surface of the container.

2. (canceled)

3. (previously presented) A method according to claim 1 wherein said benzotriazole UV absorbers are of formula (I)

wherein

G₁ is hydrogen,

G₂ is hydrogen, cyano, chloro, fluoro, CF₃-, -CO-G₃, E₃SO- or E₃SO₂-,

 G_3 is straight or branched chain alkyl of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, phenyl, or said phenyl or said phenylalkyl substituted on the phenyl ring by 1 to 4 alkyl of 1 to 4 carbon atoms,

E₁ is phenylalkyl of 7 to 15 carbon atoms, phenyl, or said phenyl or said phenylalkyl substituted on the phenyl ring by 1 to 4 alkyl of 1 to 4 carbon atoms,

 E_2 is straight or branched alkyl chain of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenyl or phenyl substituted by 1 to 3 alkyl of 1 to 4 carbon atoms; or E_2 is said alkyl of 1 to 24 carbon atoms or said alkenyl of 2 to 18 carbon atoms substituted by one or more -OH, -OCOE₁₁, -OE₄, -NCO, -NH₂, -NHCOE₁₁, -NHE₄ or

 $-N(\dot{E}_4)_2$, or mixtures thereof, where E_4 is straight or branched chain alkyl of 1 to 24 carbon atoms; or said alkyl or said alkenyl interrupted by one or more -O-, -NH- or -NE₄- groups or mixtures thereof and which can be unsubstituted or substituted by one or more -OH, -OE₄ or -NH₂ groups or mixtures thereof;

and

E₃ is alkyl of 1 to 20 carbon atoms, hydroxyalkyl of 2 to 20 carbon atoms, alkenyl of 3 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, aryl of 6 to 10 carbon atoms or said aryl substituted by one or two alkyl of 1 to 4 carbon atoms or 1,1,2,2-tetrahydroperfluoroalkyl where the perfluoroalkyl moiety is of 6 to 16 carbon atoms.

4. (previously presented) A method according to claim 1 wherein said benzotriazole UV absorbers of formula (II) are of the formula (IIA)

wherein

G₁ is hydrogen,

G₂ is hydrogen, CF₃- or fluoro,

E₁ is phenylalkyl of 7 to 15 carbon atoms,

E₅ is -OE₆ or -NE₇E₈, or

E₅ is

 $-X-(Z)_p-Y-E_{15}$

wherein

X is -O- or -N(E_{16})-,

Y is -O- or -N(E_{17})-,

Z is C_2 - C_{12} -alkylene, C_4 - C_{12} -alkylene interrupted by one to three nitrogen atoms, oxygen atoms or a mixture thereof, or is C_3 - C_{12} -alkylene, butenylene, butynylene, cyclohexylene or phenylene, each substituted by a hydroxyl group,

 E_{15} is a group -CO-C(E_{18})=C(H) E_{19} or, when Y is -N(E_{17})-, forms together with E_{17} a group -CO-CH=CH-CO-, wherein E_{18} is hydrogen or methyl, and E_{19} is hydrogen, methyl or -CO-X- E_{20} , wherein E_{20} is hydrogen, C_1 - C_{12} -alkyl or a group of the formula

$$G_1$$
 N
 N
 CH_2
 $CO:X-(Z)$
 CH_2

5. (previously presented) A method according to claim 1 wherein said benzotriazole UV absorbers of formula (III) are of the formula (IIIA)

wherein

G₂ is CF_{3,}

G_{2'} is hydrogen or CF₃,

 E_2 and E_2 ' are independently straight or branched alkyl chain of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenyl or phenyl substituted by 1 to 3 alkyl of 1 to 4 carbon atoms; and

L is alkylene of 1 to 12 carbon atoms, alkylidene of 2 to 12 carbon atoms, benzylidene, p-xylylene, $\alpha,\alpha,\alpha',\alpha'$ -tetramethyl-m-xylylene or cycloalkylidene.

6. (previously presented) A method according to claim 1 wherein said benzotriazole UV absorbers are of formula (I)

$$G_1$$
 N
 N
 E_1
 G_2
 G_2
 G_2
 G_3
 G_4
 G_4
 G_5
 G_7
 G_8
 G_8
 G_9
 $G_$

wherein

G₁ is hydrogen,

G₂ is CF₃-,

 E_1 is phenylalkyl of 7 to 15 carbon atoms, phenyl, or said phenyl or said phenylalkyl substituted on the phenyl ring by 1 to 4 alkyl of 1 to 4 carbon atoms and

E₂ is straight or branched alkyl chain of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenyl or phenyl substituted by 1 to 3 alkyl of 1 to 4 carbon atoms; or E₂ is said alkyl of 1 to 24 carbon atoms or said alkenyl of 2 to 18 carbon atoms substituted by one or more -OH, -OCOE₁₁, -NH₂ or -NHCOE₁₁, or mixtures thereof, or said alkyl or said alkenyl interrupted by one or more -O- and which can be unsubstituted or substituted by one or more -OH.

7. (previously presented) A method according to claim 1 wherein said benzotriazole UV absorbers of formula (II) are of the formula (IIA)

$$\begin{array}{c|c}
G_1 & OH \\
N & OH \\
CH_2CH_2CO \xrightarrow{R} E_5
\end{array}$$
(IIA)

wherein

G₁ is hydrogen,

G₂ is CF₃-,

 E_1 is phenylalkyl of 7 to 15 carbon atoms,

E₅ is -OE₆ or -NE₇E₈ where

 E_6 is hydrogen, straight or branched chain C_1 - C_{24} alkyl which is unsubstituted or substituted by one or more OH groups, or -OE $_6$ is -(OCH $_2$ CH $_2$) $_w$ OH or -(OCH $_2$ CH $_2$) $_w$ OE $_{21}$ where w is 1 to 12 and E $_{21}$ is alkyl of 1 to 12 carbon atoms, and

 E_7 and E_8 are independently hydrogen, alkyl of 1 to 18 carbon atoms, straight or branched chain C_3 - C_{18} alkyl which is interrupted by -O-, -S- or -N E_{11} -, C_5 - C_{12} cycloalkyl, C_6 - C_{14} aryl or C_1 - C_3 hydroxylalkyl, or E_7 and E_8 together with the N atom are a pyrrolidine, piperidine, piperazine or morpholine ring.

8. (previously presented) A method according to claim 1 wherein said benzotriazole UV absorbers of formula (III) are of the formula (IIIA)

$$G_{2} \xrightarrow{N} N \xrightarrow{OH} L \xrightarrow{OH} N \xrightarrow{N} G_{2}'$$

$$G_{2} \xrightarrow{(IIIA)}$$

wherein

G₂ is CF₃,

G₂ is hydrogen or CF₃,

E₂ and E₂' are independently straight or branched alkyl chain of 1 to 24 carbon atoms, straight or branched chain alkenyl of 2 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, phenyl or phenyl substituted by 1 to 3 alkyl of 1 to 4 carbon atoms; and

L is methylene.

- **9.** (currently amended) A method according to claim 1 wherein said benzotriazole UV absorbers are selected from the group consisting of
 - (a) 5-trifluoromethyl-2-(2-hydroxy-3-α-cumyl-5-tert-octylphenyl)-2H-benzotriazole;
 - (d) 2,2'-methylene-bis[6-(5-trifluoromethyl-2H-benzotriazol-2-yl)-4-tert-octylphenol];
- (e) methylene-2-[4-tert-octyl-6-(2H-benzotriazol-2-yl)phenol]2'-[4-tert-butyl-6-(5-trifluoromethyl-2H-benzotriazol-2-yl)phenol];
 - (j) 5-butylsulfonyl-2-(2-hydroxy-3-α-cumyl-5-tert-octylphenyl)-2H-benzotriazole;
 - (n) 5-trifluoromethyl-2-(2-hydroxy-3- α -cumyl-5-tert-butylphenyl)-2H-benzotriazole;
 - (o) 5-trifluoromethyl-2-(2-hydroxy-3- α -cumyl-5-nonylphenyl)-2H-benzotriazole;
 - (p) 5-trifluoromethyl-2-[2-hydroxy-3- α -cumyl-5-(2-hydroxyethyl)phenyl]-2H-benzotriazole;
 - (q) 5-trifluoromethyl-2-[2-hydroxy-3- α -cumyl-5-(3-hydroxypropyl)phenyl]-2H-benzotriazole;

[[;]]

- (ee) 5-chloro-2-(2-hydroxy-3-α-cumyl-5-tert-octylphenyl)-2H-benzotriazole; and
- (gg) 2-(2-hydroxy-3- α -cumyl-5-tert-octylphenyl)-2H-benzotriazole.
- **10.** (previously presented) A method according to claim **1** wherein said benzotriazole UV absorbers are selected from the group consisting of
 - (a) 5-trifluoromethyl-2-(2-hydroxy-3-α-cumyl-5-tert-octylphenyl)-2H-benzotriazole;
 - (j) 5-butylsulfonyl-2-(2-hydroxy-3-α-cumyl-5-tert-octylphenyl)-2H-benzotriazole; and
 - (n) 5-trifluoromethyl-2-(2-hydroxy-3-α-cumyl-5-tert-butylphenyl)-2H-benzotriazole.

11-18. (canceled)

19. (previously presented) A method according to claim 1 wherein said container comprises at least one hydroxyphenyl benzotriazole UV absorber and at least one further UV absorber selected from the group consisting of the tris-aryl-s-triazine UV absorbers, or which comprises a mixture of two or more hydroxyphenyl benzotriazole UV absorbers.

- **20.** (previously presented) A method according to claim 1 wherein said container additionally comprises at least one UV absorber selected from the group consisting of 2-(2-hydroxy-3,5-di- α -cumyl)-2H-benzotriazole, 5-chloro-2-(2-hydroxy-3-tert-butyl-5-methylphenyl)-2H-benzotriazole, 5-chloro-2-(2-hydroxy-3,5-di-tert-butylphenyl)-2H-benzotriazole and 4,6-diphenyl-2-(4-hexyloxy-2-hydroxyphenyl)-s-triazine.
- **21.** (previously presented) A method according to claim 1 in which said contents are selected from the group consisting of fruit juices, soft drinks, beer, wines, meats, vegetables, food products, dairy products, personal care products, cosmetics, shampoos, vitamins, pharmaceuticals, inks, dyes and pigments.
- **22.** (previously presented) A method according to claim 1 wherein said container is a mono- or multi-layered container

wherein each layer is comprised of one or more polymers selected from the group consisting of polyesters, polyolefins, polyolefin copolymers, polyethylene-vinyl acetate, polystyrene, poly(vinyl chloride), poly(vinylidene chloride), polyamides, cellulosics, polycarbonates, polyethylene-vinyl alcohol, poly(vinyl alcohol), poly(vinyl alcohol) copolymers, polystyrene-acrylonitrile, ionomers, partially hydrolyzed poly(vinyl acetate), poly(ethylene-co-vinyl alcohol), polyvinylidene chloride, polyurethanes, polyvinylidene chloride and polyepoxies.

23. (previously presented) A method according to claim 22 in which at least one layer is comprised of a polymer selected from the group consisting of poly(ethylene terephthalate), polyethylene and polypropylene.

24. (canceled)

- **25.** (previously presented) A method according to claim 1 in which the UV absorbers are present from about 0.1 to about 20 % by weight based on the weight of the plastic container.
- **26.** (**previously presented**) A method according to claim **1** where the container additionally comprises at least one coadditive selected from the group consisting of antioxidants, other UV absorbers, hindered amines, phosphites or phosphonites, hydroxylamines, nitrones, benzofuran-2-ones, thiosynergists, polyamide stabilizers, metal stearates, nucleating agents, fillers, reinforcing agents, lubricants, emulsifiers, dyes, pigments, optical brighteners, flame retardants, antistatic agents and blowing agents.